

MANSFIELD WOODHOUSE URBAN DISTRICT COUNCIL.

A N N U A L R E P O R T

OF THE

MEDICAL OFFICER OF HEALTH

for the year 1939.

HAROLD D. PRESTON, L.M.M.S.A.,

Including

THE REPORT OF THE SANITARY INSPECTOR.

WILLIAM V. HARGREAVE, M.S.I.A.,

THE HEALTH COMMITTEE.

CHAIRMAN:

COUNCILLOR G.W. HART.

Councillor A. Bullock.

" J. H. Brown.

" J. W. Booth.

" J. Collier.

" W. H. Carter.

" G. W. Coaten.

" L. E. Flint.

Councillor W. Groves.

" J. Mallatratt.

" E. Mapletoft.

" J. Robison.

" H. B. Taylor.

" J. Wilcox.

MATERNITY AND CHILD WELFARE COMMITTEE.

CHAIRMAN:

MRS. F. B. TOWERS.

Mrs. Carter.

Mrs. Eather.

Mrs. Hall.

Mrs. Mabbott.

Mrs. Jenkinson.

Mrs. Reason.

AND

THE WHOLE OF THE MEMBERS OF THE COUNCIL.

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Public Health Department,
Manor House,
MANSFIELD WOODHOUSE.

September, 1940.

To the Chairman and Members of the Mansfield
Woodhouse Urban District Council.

Mr. Chairman, Gentlemen,

I present herewith my Annual Report for the year 1939.
This Report has been compiled on the lines laid down by the
Ministry of Health, and as suggested by them is in an abridged
form.

The health of the inhabitants of the District has continued
to be satisfactory. A great decrease in the number of cases of
infectious diseases took place as compared with the number of cases
notified during 1938. Your Maternity and Child Welfare Clinics
continued to be well attended throughout the year.

My thanks are due to the Chairman and Members of the Committees,
the Officials, and the Staff of the Health Department, for their
help and co-operation.

I am, Gentlemen,

Your Obedient Servant,

HAROLD D. PRESTON.



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SECTION A. - SOCIAL CONDITIONS & STATISTICAL SUMMARY FOR 1939.

Area of District in acres (exclusive of area of water)	4,834.
Population (estimated National Registration 1939.)	14,971.
Number of Inhabited Houses (end of 1939' according to the Rate Books.	4,193.
Rateable Value.	£60,679.
Sum represented by a Penny Rate.	£231.

EXTRACTS FROM VITAL STATISTICS.

<u>Live Births:</u>	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Legitimate.	279.	136.	143.
Illegitimate.	11.	6.	5.

Birth Rate 19.398 per 1,000 population.

<u>Stillbirths:</u>	13.	7.	6.
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Rate per 1,000 live and still births 42.9

<u>Deaths:</u>	135.	70.	65.
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Death Rate 9.03 per 1,000 population.

Deaths from Puerperal Causes:-

	<u>Deaths.</u>	<u>Rate per 1,000 total</u> <u>(Live and still) births.</u>
Puerperal Sepsis.	1.	3.3

Infantile Mortality Death Rate:

Mansfield Woodhouse.	62.07
England and Wales.	50.0



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Death Rate of Infants under 1 year of age:-

All infants per 1,000 registered live births	62.07
Legitimate infants per 1,000 legitimate live births	60.93
Illegitimate infants per 1,000 illegitimate live births	90.9

Some important comparative figures:-

	<u>Total Deaths.</u>	
	<u>1939.</u>	<u>1938.</u>
Measles (all ages.)	-	1.
Whooping Cough (all ages.)	1.	1.
Diarrhoea (under 2 years.)	-	-
Influenza (all ages.)	4.	3.
Bronchitis and Pneumonia (all ages.)	15.	14.
Phthisis (all ages.)	5.	11.
Tuberculosis (all forms.)	7.	12.
Cancer.	12.	13.

Table A at the end of the Report gives a classification of deaths, Tables B and E show Ward analyses of infantile deaths and notifiable diseases, respectively, Table C compares vital statistics with those of last year and Table D gives comparative vital statistics and an analysis of mortality.

BIRTH RATE AND DEATH RATE.

	<u>1939.</u>	<u>1938.</u>
Total number of registered live births.	290.	298.
Birth Rate per 1,000 population.	19.398	20.08
Birth Rate for England and Wales.	15.0	15.1
Total Number of Deaths.	135.	138.
Death Rate per 1,000 population.	9.23	9.299
Death Rate for England and Wales.	12.1	11.6
Corrected Death Rate for Mansfield Woodhouse (comparability factor 1.29)	11.648	11.995
Death Rate from Tuberculosis.	.468	.787
Death Rate from Cancer.	.802	.876

SECTION B. - GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

* Medical Officer of Health:

JOHN FERGUSON, M.B., Ch.B., D.P.H. retired 31st May, 1939.
HAROLD D. PRESTON, L.M.M.S.A., appointed 1st June, 1939.

Consultant under the Puerperal Fever and Puerperal Pyrexia Regulations:

H. JORDON MALKIN, M.D., F.R.C.S.

Dental Surgeon:

CLIVE H. HOLE, L.D.S., R.C.S., (Part-time.)

* Sanitary Inspector:

WILLIAM V. HARGREAVE, C.R.S.I., M.S.I.A., (Certificates for
Meat and Food inspection and Sanitary Science.)
This Officer carries out duties under the Housing
Consolidated Regulations.

Health Visitor:

MISS M. E. BROWN, S.R.N., C.M.B.,

Clerk/Assistant:

J. A. F. SAVILLE. (Hons. Certificate in General Hygiene.)

Junior Clerk:

N. T. HUDSON.

Disinfecter:

J. H. WILCOX. (Part-time.)

* Contributions to salary is made under Exchequer Grants.

MATERNITY AND CHILD WELFARE.

There have been no developments or alterations in the following services:-

Institutional Provision for Mothers and Children.

Health Visitors.

Infant Life Protection.

Orthopaedic Treatment.

The arrangements for Clinics are as in previous years.

ATTENDANCES AT CENTRES.

	<u>Mansfield Woodhouse.</u>		<u>Forest Town.</u>	
	<u>1939.</u>	<u>1938.</u>	<u>1939.</u>	<u>1938.</u>
Number of Sessions.	94.	97.	45.	46.
New Cases.	276.	279.	85.	98.
Infants Attendances.	3039.	3202.	1054.	1613.
Childrens Attendances.	1732.	2327.	1406.	1239.
Special Clinic Attendances.	168.	186.	-	-
Dental Clinic Attendances.	176.	200.	-	-
Ante-Natal Clinic Attendances.	390.	384.	-	-
Ultra-Violet light Clinic Attendances.	11.	100.	-	-
Diphtheria Immunisation Clinic Attendances.	11.	79.	-	-
Average Attendances of Infants and Children per Session.	50.7	57.7	54.6	62.0

Percentage of notified live births who attended the Centres for the first time during the year:

1938. 82.88%.

1939. 79.65%.

The Scale of Charges made for Hospital Treatment in Complicated
MIDWIFERY AND MATERNITY SERVICES.

The arrangements in connection with the above services are
as in 1938.

ANTE-NATAL CENTRE.

The percentage of mothers who gave birth to children during
the year and who attended the ante-natal centre was approximately

	<u>1939.</u>	<u>1938.</u>
No. of mothers attending.	124.	144.
No. of attendances made.	390.	384.
No. of clinics held during year.	47.	40.

POST-NATAL CLINIC.

Post-natal cases are seen at the close of the ante-natal
session. It has not yet been necessary to establish a separate
clinic.

ULTRA-VIOLET LIGHT CLINIC.

Negotiations have been completed during the year for the
treatment of our patients at the Mansfield & District General
Hospital.

DENTAL CLINIC.

No. of Sessions. 22.

No. of Cases:

Expectant mothers.	}	176.
Nursing mothers.		
Children.		

During the year the scheme for the provision of dentures with
help in necessitous cases, has been in operation. Assistance was
given in 6 cases at a cost of £22. 3. 0d.

The Scale of Charges made for Hospital Treatment in Complicated Maternity Cases and for help in the Provision of Dentures is as reported in 1938.

ORTHOPAEDIC TREATMENT.

The facilities for the treatment of orthopaedic cases continue to be available as reported in 1938.
A total of 288 attendances were made during the year to the orthopaedic clinic.

SUPPLY OF MILK AND FOOD TO NECESSITOUS CASES.

A sum of £106. was expended during the year on the supply of free milk and infant foods, on medical grounds to necessitous cases.

HEALTH VISITOR'S VISITS.

	<u>1939.</u>	<u>1938.</u>	<u>1937.</u>
First visits to Infants.	278.	289.	274.
Subsequent visits to Infants.	1018.	1109.	1144.
Visits to Children.	2833.	2754.	2929.
Visits to Expectant mothers.	107.	163.	112.

The visiting of infants and children between the ages of 1 and 5 years is carried out by the Health Visitor.

INFANT LIFE PROTECTION.

There were 3 persons on the register at the end of the year receiving children for reward.

19 visits were paid to these children during the year.

NOTIFICATION OF BIRTHS ACT, 1915.

270 births were registered during the year, the corrected number actually belonging to the district being 290 .

269 births were notified; 265 by midwives and 4 by doctors,
13 stillbirths were notified.

MATERNAL MORTALITY.

The arrangements for the investigation and treatment of cases of puerperal fever and for the hospital treatment of complicated maternity cases is as reported in 1938.

SECTION C. - SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY. No change has taken place in the Water Supply to the District. Quarterly samples are taken for Bacteriological examination and satisfactory reports obtained.

The average total consumption of water per head of population for all purposes throughout the year 1939 was 23.47 gallons; for domestic purposes only, 21.51 gallons.

SEWAGE DISPOSAL. The method of sewage disposal remains unaltered and the analysis of the effluent continues to be satisfactory.

ESTIMATED NUMBER OF HOUSES AND SANITARY CONVENIENCES IN THE DISTRICT AT THE END OF THE YEAR, 1939.

	<u>Total.</u>	<u>North Ward.</u>	<u>West Ward.</u>	<u>East Ward.</u>
Houses.	4194.	1646.	1564.	984.
Water Closets.	4507.	1749.	1742.	1016.
Pail Closets.	61.	16.	42.	3.
Privy Ashpits.	10.	4.	2.	4.
Dry Ashpits.	94.	68.	21.	5.
Ashbins.	3951.	1480.	1549.	922.
Cesspools.	74.	30.	25.	19.

89 new houses were erected during the year. There are about 8 railway carriages and caravans used as dwellings in the district.

1 new additional cesspool was constructed during the year in connection with new houses where there were no public sewers.

PUBLIC CLEANSING.

No alteration has taken place in the methods of collection and disposal of house refuse as reported in 1938.

SANITARY INSPECTOR'S REPORT.

To the Chairman and Members of the Mansfield Woodhouse Urban District
Council.

Mr. Chairman, Gentlemen,

I have the honour to present to you my third Annual Report, which in accordance with Circular 2067 is in an abridged form.

Last year I had to report that extra duties in connection with organising Air Raid Precautions Services and in training members of these services interfered considerably with my sanitary duties. Unfortunately the outbreak of war this year caused considerable further interference. Housing work has suffered considerably since the outbreak of war, but a special effort was made to administer the provisions of the Food and Drugs Act; all premises coming within its scope were inspected, and many improvements in the conditions under which various foods are prepared were effected or in progress by the end of the year.

Food inspection again entailed a considerable amount of evening and Sunday work, and the supervision of the local milk production including sampling for bacteriological examination has not been lessened.

The war has brought an additional responsibility to the Health Department, that of making provision for the dealing with possible civilian deaths due to war operations. Excellent facilities for handling such already existed at the Mortuary, which you wisely provided a year or two ago and with some slight adaptation we can now deal with contaminated or uncontaminated bodies. A voluntary staff have been enlisted and I have been fortunate in procuring the services of local undertakers to assist should their services ever be required.

I desire, once more, to express my thanks to you, Mr. Chairman and Gentlemen, for the continued interest and support you have shown to my work and to Drs. Ferguson and Preston, the Staff of the Health Department and to Officials of the Council in general, for their ready co-operation.

I am, Mr. Chairman and Gentlemen,

Your Obedient Servant,

WILLIAM V. HARGREAVE.

Public Health Department,
Manor House,
MANSFIELD WOODHOUSE.

September, 1940.

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Factories (without mechanical power.)	11.	4.
Outworkers.	-	-

FOOD STORAGE, PREPARATION, ETC.

Bakehouses (with mechanical power)	5.	2.
Bakehouses (without mechanical power)	12.	5.
Butchers shops.	15.	-
Cowsheds.	31.	8.
Dairies, Milkshops.	16.	5.
Fish frying premises.	27.	5.
Ice cream premises.	26.	-
Meat and Food inspections.	504.	-
Slaughter Houses.	487.	-

MISCELLANEOUS.

Accumulations.	3.	3.
Animals, Poultry etc.,	3.	1.
Disinfestation.	13.	4.
Meeting with owners, tradesmen etc.	94.	-
Miscellaneous (Sewage Works, Waste of Water, etc.,)	26.	2.
Offensive Trades.	7.	-
Piggeries.	3.	1.
Rats and Mice.	4.	1.
Sanitary Inspections.	13.	29.
Special Notices of Slaughter.	26.	-
Schools.	-	-
Special Visits.	22.	-
Van Dwellings.	5.	4.
Works in progress.	39.	-
Yards and Courts.	9.	15.
Shops Acts.	15.	11.

IMPROVEMENTS CARRIED OUT UNDER THE PUBLIC HEALTH ACTS, 1875 - 1936.

DWELLING-HOUSES. 293.

DRAINS. 64.

ACCUMULATIONS REMOVED. 3.

ANIMALS POULTRY ETC. 2.

ASHBINS AND ASHPITS. 153.

SINKS. 11.

WATERCLOSETS. 62.

SUMMARY OF SANITARY IMPROVEMENTS CARRIED OUT UNDER THE HOUSING ACTS.

DWELLING-HOUSES.

Internal. 630.

External. 340.

WATER SUPPLY. 20.

SINKS. 30.

WATER CLOSETS. 49.

RATS AND MICE (DESTRUCTION) ACT, 1919.

During the year four complaints were received and nine visits made to premises for the purposes of abating the infestation.

NATIONAL RAT WEEK.

The measures taken were similar to those of previous years.

Over 160 rats were accounted for during Rat Week and no doubt many others died in their runs as a result of gas. During the year information was received of a total of 405 rats having been destroyed.

SMOKE ABATEMENT.

No complaints were received, and it is pleasing to record that the District is remarkably free from nuisances of this type.

SHOPS ACT, 1934.

During the year 26 inspections were made of shops respecting the provisions of Section 10 of the above Act, and the attentions of the owners were drawn to the following contraventions:-

Sanitary Accommodation. 2.

Heating. 1.

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CAMPING SITES.

There are no camping sites in the area.

OFFENSIVE TRADES.

No. on Register at end of 1939:-

Tripe Boiling.	3.
Gut Scraping.	1.

The businesses have again been carried on satisfactorily, the only complaint being that of offensive smells from the gut scraping premises. Byelaws are now in force in the District and have been the means of attaining considerable improvements.

FISH FRYING.

The adoption of Byelaws in the District has been very welcome. Full advantage of these powers has been taken and I am now able to report that the whole of the fish frying shops have been or are being provided with suitable buildings in which to prepare and store the foods sold therefrom.

SLAUGHTER HOUSES.

There are four slaughter houses in the District:-

Licensed.	3.
Registered.	1.

In consequence of the coming into operation of the provisions of the Food and Drugs Act, 1938, applications for the granting or renewal of licenses have been received, but at the end of the year it had been found impossible to arrive at a decision regarding same. The whole matter has now been deferred to an early meeting to be held in the New Year.

No breach of the Public Health (Meat) Regulations, 1924, was observed, the butchers and slaughtermen endeavouring to adhere to the requirements of the Regulations in a satisfactory manner.

SLAUGHTER OF ANIMALS ACT, 1933.

16 persons in the District are licensed under this Act to slaughter animals, and no contraventions have occurred during the year.

ERADICATION OF BED BUGS.

	<u>Infested.</u>	<u>H.C.N.</u>	<u>Disinfested.</u> <u>Furmex blocks &</u> <u>Zaldecide.</u>
Council Houses.	1.	-	1.
Other Houses.	11.	2.	9.

In cases of severe infestation the H.C.N. method is carried out in respect of Council Houses by a firm of Contractors, and this method is recommended to owners of verminous properties.

I am pleased to report that for the second year in succession it has been unnecessary to treat any Council Houses by this method during the year. Two privately owned houses, badly infested, were satisfactorily dealt with however.

In less severe cases, eradication has been obtained by the use of Furmex Blocks and vermicidal solutions, applied by the Council's Staff, and in all cases, bedding and clothing is removed to the Council's steam disinfecter and dealt with by the Council's Staff.

MORTUARY.

The mortuary and post-mortem rooms have again proved to be a great convenience. During the year additional equipment and racking has been provided to make the building ready for the reception of and handling of any possible civilian deaths due to war operations. A voluntary staff has been recruited to assist in the functioning of this Service.

SCHOOLS.

Satisfactory conditions as reported in 1938 have been maintained throughout the year.

It is the duty of every citizen to support the government.

The government is the only power that can protect the rights of the people.

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FACTORIES WITH AND WITHOUT MECHANICAL POWER AND OTHER PREMISES.

1. Inspections for Purposes of Provisions as to Health.
Including Inspections made by Sanitary Inspectors.

<u>Premises.</u>	<u>Inspections.</u>	<u>Number of</u>	
		<u>Written Notices.</u>	<u>Occupiers Prosecuted.</u>
FACTORIES with mechanical power.	35.	4.	None.
FACTORIES without mechanical power.	20.	7.	None.
OTHER PREMISES under the Act (including works of building and engineering construction but not including outworkers premises.	3.	1.	None.
	58.	12.	None.

2. Defects Found.

<u>Particulars.</u>	<u>Number of Defects</u>			<u>Number of Prosecutions.</u>
	<u>Found.</u>	<u>Remedied.</u>	<u>Referred to H.M. Inspector.</u>	
Want of Cleanliness.	3.	3.	-	-
Want of ventilation.	-	-	-	-
Overcrowding.	-	-	-	-
Want of drainage of floors.	-	-	-	-
Temperature.	1.	1.	-	-
Sanitary Accommodation:				
Insufficient.	1.	1.	-	-
Unsuitable or Defective.	3.	3.	-	-
Not separate for sexes.	-	-	-	-
No Abstract.	-	-	3.	-
Total.	8.	8.	3.	None.

FACTORIES ON REGISTER (SECTION 8 (3)) AT END OF YEAR.

	<u>With</u> <u>Mechanical</u> <u>power.</u>	<u>Without</u> <u>Mechanical</u> <u>power.</u>
Bakehouses.	-	4.
Boot repairing.	2.	1.
Tailoring.	1.	2.
Joinery.	3.	1.
Blacksmith etc.,	-	2.
Motor Engineers, Garages, etc.	4.	2.
Printers.	1.	1.
Others (cycle repairers, stone masons, et.)	2.	-
Tinsmith.	-	1.
Timber merchand and sawyer.	2.	-
Hosiery and yarn spinning.	2.	-
Gut scraping.	1.	-
Brick works.	1.	-
Low temperature carbonisation.	1.	-
Engineers.	1.	-
	<hr/> 21.	<hr/> 14.

Notices received from H. M. Inspector of Factories:-

Re other premises (including works of building etc.,)	3.
Deficient lighting (watercloset.)	1.

OUTWORKERS.

No notifications have been received.

Date	Description	Particulars	Total
1890	Jan 1	Balance	100.00
1891	Jan 1	Balance	100.00
1892	Jan 1	Balance	100.00
1893	Jan 1	Balance	100.00
1894	Jan 1	Balance	100.00
1895	Jan 1	Balance	100.00
1896	Jan 1	Balance	100.00
1897	Jan 1	Balance	100.00
1898	Jan 1	Balance	100.00
1899	Jan 1	Balance	100.00
1900	Jan 1	Balance	100.00

For the year ending 31st Dec 1900
Total Balance 100.00

100.00

Total Balance 100.00

SECTION D. — HOUSING.

HOUSING STATISTICS OF THE YEAR 1939.

1. Inspections of Dwelling-houses during the year.

- | | |
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| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts.) | 559. |
| (b) Number of inspections made for the purpose. | 1331. |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932. | 59. |
| (b) Number of inspections made for the purpose. | 83. |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation. | 9. |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation. | 496. |

2. Remedy of Defects during the year without Service of Formal Notices:-

Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers.	359.
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3. Action under Statutory Powers during the Year:-

- | | |
|--|------|
| (a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:- | |
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs. | 36. |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices:- | |
| (a) By owners. | 21. |
| (b) By local authority in default of owners. | Nil. |

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(b) Proceedings under Public Health Acts:-

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied. 65.

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-

(a) By owners. 28.

(b) By local authority in default of owners. Nil.

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:-

(1) Number of dwelling-houses in respect of which Demolition Orders were made. Nil.

(2) Number of dwelling-houses demolished in pursuance of demolition orders. 7.

In addition to the above, one house was represented as unfit for human habitation and an undertaking was entered into between the Council and the owner of the property under Section 11(2) that the dwelling-house should not be used for human habitation.

(d) Proceedings under Section 12 of the Housing Act, 1936:-

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made. Nil.

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit. Nil.

4. Housing Act, 1936. Part IV. - Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year. 1.

(2) Number of families dwelling therein. 1.

(3) Number of persons dwelling therein. 9.

(b) Number of new cases of overcrowding reported during the year. 3.

(c) (1) Number of cases of overcrowding relieved during the year. 11.

(2) Number of persons concerned in such cases. 80.

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- (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding.

Nil.

- (e) Any other particulars with respect of overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

Of the 11 cases of overcrowding relieved during the year 7 were rehoused in the special type council houses and 1 in a council house which had become vacant. A further case was relieved by reduction in size of family, another by re-organising the sleeping arrangements and the last case by the removal of the family from the District.

HOUSING ACT, 1936.

The following tables show the work completed during 1939 and the position with regard to all action from 1931 to 1939.

	<u>1939.</u>	<u>Total</u> <u>1931 - 1939.</u>
No. of representations made under Section 11.	9.	195.
No. of Demolition Orders made.	-	152.
No. of undertakings accepted to make the houses fit for human habitation.	8.	24. ⁴ / ₄
No. of undertakings given by the owners to cease to use the premises for human habitation.	1.	14.
Consideration adjourned.	8.	19.
No. of houses demolished.	7.	142.
No. of houses where demolition is pending.	4.	-
No. of families rehoused in council houses.	2.	145.
No. of persons displaced from unfit houses.	4.	556.

⁴/₄ Includes four houses made fit for human habitation after an appeal to the County Court.

2. In the second part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a constant function.

3. In the third part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a constant function.

REFERENCES

1. A. I. Stepanov, *Mathematical Analysis*, Moscow, 1958.
2. A. I. Stepanov, *Mathematical Analysis*, Moscow, 1958.
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4. A. I. Stepanov, *Mathematical Analysis*, Moscow, 1958.
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8. A. I. Stepanov, *Mathematical Analysis*, Moscow, 1958.
9. A. I. Stepanov, *Mathematical Analysis*, Moscow, 1958.
10. A. I. Stepanov, *Mathematical Analysis*, Moscow, 1958.

The following houses were represented as unfit for human habitation and consideration was adjourned:-

Nos. 12, 13, 14, 15, 16, 17, 18 and 19, Portland Street.

The following houses were represented as unfit for human habitation and an undertaking accepted that the house will cease to be used for human habitation:-

No. 10, Albert Street.

SECTION E. - INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

Registration of persons and premises.

Milk producers on the register.	16.
No. of premises registered as Dairies.	20.
No. of registered retail purveyors resident within the District.	57.
No. of registered retail purveyors outside the District.	15.
Average number of cows kept.	121.
Wholesale milk traders on register.	13.
No. of inspections to Dairies, Cowsheds and Milkshops.	42.
No. of premises discontinued during the year.	3.

DESIGNATED MILKS.

The following licences have been granted for the sale of Designated milks, viz:-

Accredited milk.	1 supplementary licence.
Pasteurised milk.	6 supplementary licences.
Pasteurised milk.	13 retail shop licences.

In addition there are three accredited producers in the District.

The following additions or improvements have been effected during the year:-

Dairies limewashed.	17.
Cowsheds limewashed.	18.
Cowshed improved (drainage and paving.)	1.
Cesspool fitted with pump.	1.

BACTERIOLOGICAL TESTS OF MILK.

12 samples of milk were taken during the year and bacteriologically examined at the City Analyst's Nottingham. It was not necessary to take any action as a result of the Analyst's reports.

INSPECTION OF MEAT AND OTHER FOODS.

Carcases inspected and Condemned.

	<u>Cattle</u> <u>(excluding</u> <u>Cows.)</u>	<u>Cows.</u>	<u>Calves.</u>	<u>Sheep.</u>	<u>Pigs.</u>
No. Slaughtered.	446.	481.	30.	1935.	1434.
No. Inspected.	446.	481.	30.	1756.	1434.

All Diseases except T.B.

Whole carcasses condemned.	3.	-	1.	1.	-
Carcases of which some part or organ was condemned.	3.	10.	-	-	-
Percentage of No. inspected affected with diseases other than T.B.	1.121	2.079	3.333	.056	-

T.B. Only.

Whole carcasses.	-	2.	-	-	1.
Carcases of which some part or organ was cond- emned.	1.	5.	-	-	39.
Percentage of No. inspected affected with T.B.	.224	1.455	-	-	2.789

In addition to the above two rabbits were surrendered as being unfit for human consumption

PREMISES INSPECTED.

Slaughterhouses.	487.
Meat Inspection.	504.
Butchers shops.	15.
Special Notices of Slaughter received.	26.
No. of condemnations.	68.
Total weight condemned.	398. stones.

All diseased meat and unsound foods are disposed of at a local factory in an 'Iwell' dry process plant.

10

Autism, 1999

17. 12. 1941

12.

• 11-

1

52

100

1875

ADULTERATION ETC.,

The administration of the Food and Drugs Act, 1938 is carried out by the Notts. County Council.

The following information has been kindly supplied by Mr. E. Templemen (Chief Inspector.)

REPORT OF PUBLIC ANALYST.

upon articles analysed by him and taken in the Urban District of Mansfield Woodhouse during the year ended 31st December, 1939.

<u>Article.</u>	<u>No. of Samples.</u>	<u>Result of Analysis.</u>
Bicarbonate of Soda.	1.	Genuine.
Buttercream sliced Cheese.	1.	Deficient in fat, but insufficient sample to determine extent of deficiency.
Gin.	1.	Genuine.
Ground Rice.	1.	Genuine.
Herrings, Tinned.	1.	Genuine.
Jelly.	1.	Genuine.
Linseed, Liquorice & Chlorine Tablets.	1.	Genuine.
Margarine.	1.	Genuine.
Mixed Cut Peel.	1.	Genuine.
Milk.	18.	Genuine.
Potted Meat.	1.	Genuine.
Pepper, White.	1.	Genuine.
Prawns, Bottled.	1.	Genuine.
Sausages.	1.	Genuine.
Shredded Beef Suet.	1.	Genuine.
Whisky.	3.	Genuine.

INFORMAL SAMPLES OF MILK TESTED BY THE INSPECTORS
BY 'GERBER' TESTER.

	<u>No.</u>	<u>Correct.</u>	<u>Incorrect.</u>
No. of samples taken by the Inspectors.	33.	32.	1.
No. of samples submitted by Milk Vendors to Inspectors.	-	-	-
	<u>33.</u>	<u>32.</u>	<u>1.</u>

SAMPLES TAKEN UNDER THE MILK (SPECIAL DESIGNATIONS)
ORDER, 1936.

	<u>No.</u>	<u>Result.</u>	
		<u>Complied.</u>	<u>Failed to Comply.</u>
No. of samples taken:			
Tuberculin Tested.	-	-	-
Accredited.	8.	8.	-
	<u>8.</u>	<u>8.</u>	<u>-</u>

FOOD AND DRUGS ACT, 1938.

REGISTRATION OF PREMISES UNDER SECTION 14.

<u>Business.</u>	<u>Received.</u>	<u>Applications</u>	
		<u>Granted.</u>	<u>Under Consideration.</u>
Ice Cream Dealers.	2.	2.	-
Ice Cream Manufacturers.	8.	6.	2.
Meat Preparation.	6.	6.	-

SHELL FISH (MOLLUSCUM).

Very little business in shell fish is carried out, only two or three shops selling musseIs as a side line. Their supplies are obtained from merchants in Mansfield, who are supplied from other merchants in Boston, Lincs.

SECTION F. - PREVALENCE OF, AND CONTROL OVER
INFECTIOUS DISEASES.

The number of cases of notifiable infectious diseases showed a considerable decrease over the preceding year; 66 cases, exclusive of Tuberculosis were notified as against 114 in 1938. Means of Hospital Isolation were as in 1938.

<u>Disease.</u>	<u>No. of Cases</u> <u>Notified.</u>	<u>Removed to</u> <u>Hospital.</u>	<u>Isolated at</u> <u>Home.</u>	<u>Deaths.</u>
Scarlet Fever.	37.	9.	28.	-
Diphtheria.	4.	2.	2.	-
Ophthalmia Neonatorum.	-	-	-	-
Small Pox.	-	-	-	-
Measles and Whooping Cough	4	-	-	-
Erysipelas.	9.	-	9.	-
Cerebro-spinal Meningitis.	1.	1.	-	1.
Polio-encephalitis.	1.	-	1.	1.
Totals.	52.	12.	40.	2.

4 MEASLES AND WHOOPING COUGH.

These diseases have shown the usual seasonal prevalence. No hospital accommodation is at present available for severe cases, but it is hoped that the new hospital will meet this requirement.

PREVENTION OF BLINDNESS.

No action has been taken under Section 66 of the Public Health Act, 1925, for the prevention of blindness or for the treatment of persons suffering from any disease of the eyes.

CANCER.

All the facilities for the diagnosis and treatment of Cancer (X-Ray, Radium, etc.,) are provided at the Nottingham and Mansfield Hospitals.

CANCER DEATHS.

(Taken from the Return of Deaths to the Sanitary Authority.)

<u>Age.</u>	<u>Males.</u>	<u>Females.</u>	<u>Stomach.</u>	<u>Colon.</u>	<u>Rectum.</u>	<u>Breast.</u>	<u>Uterus.</u>
30.		1.					1.
52.		1.					1.
55.	1.		1.				
65.		1.		1.			
70.	1.		1.				
73.		1.				1.	
74.		1.		1.			
76.	1.				1.		
79.		1.	1.				
80.		1.	1.				
50.	1.		1.				
83.		1.	1.				
<hr/>							
	4.	8.	6.	2.	1.	1.	2.
<hr/>							

PATHOLOGICAL AND BACTERIOLOGICAL FACILITIES.

The pathological and bacteriological facilities remain as reported in previous years.

The following specimens were examined at Mansfield during the year, 1939:-

	<u>Positive.</u>	<u>Negative.</u>	<u>Total.</u>
Diphtheria.	9.	54.	63.
Tuberculosis.	-	-	4.
Gonococcal Smears.	-	2.	2.
<hr/>			
	8.	60.	69.
<hr/>			

ARRANGEMENTS FOR DISINFECTION.

The following disinfection work was carried out during the year, 1939.

<u>Beds.</u>	<u>Bedding.</u>	<u>Clothing.</u>	<u>Miscellaneous.</u>	<u>Total.</u>
98.	688.	187.	151.	2024.

NUMBER OF HOUSES DISINFECTED.
During the year 1939.

Scarlet Fever.	31.
Diphtheria.	5.
Scabies.	2.
Tuberculosis.	6.
Other Causes.	18.
	<hr/>
Total houses disinfected.	<u>62.</u>
	<hr/>
Total rooms disinfected.	<u>78.</u>
	<hr/>

TUBERCULOSIS.

The facilities for the diagnosis and treatment of tuberculosis remain unaltered.

No. of cases of pulmonary tuberculosis treated at the Ransom Sanatorium during the year 1939:-

Discharged during the year:

<u>Men.</u>	<u>Women.</u>	<u>Children.</u>	<u>Total.</u>
2.	4.	3.	9.

In the Sanatorium on 31st December, 1939:

<u>Men.</u>	<u>Women.</u>	<u>Children.</u>	<u>Total.</u>
-	3.	1.	4.

Two cases were admitted to the sanatorium during the year for observation and were discharged as Non-Tuberculous.

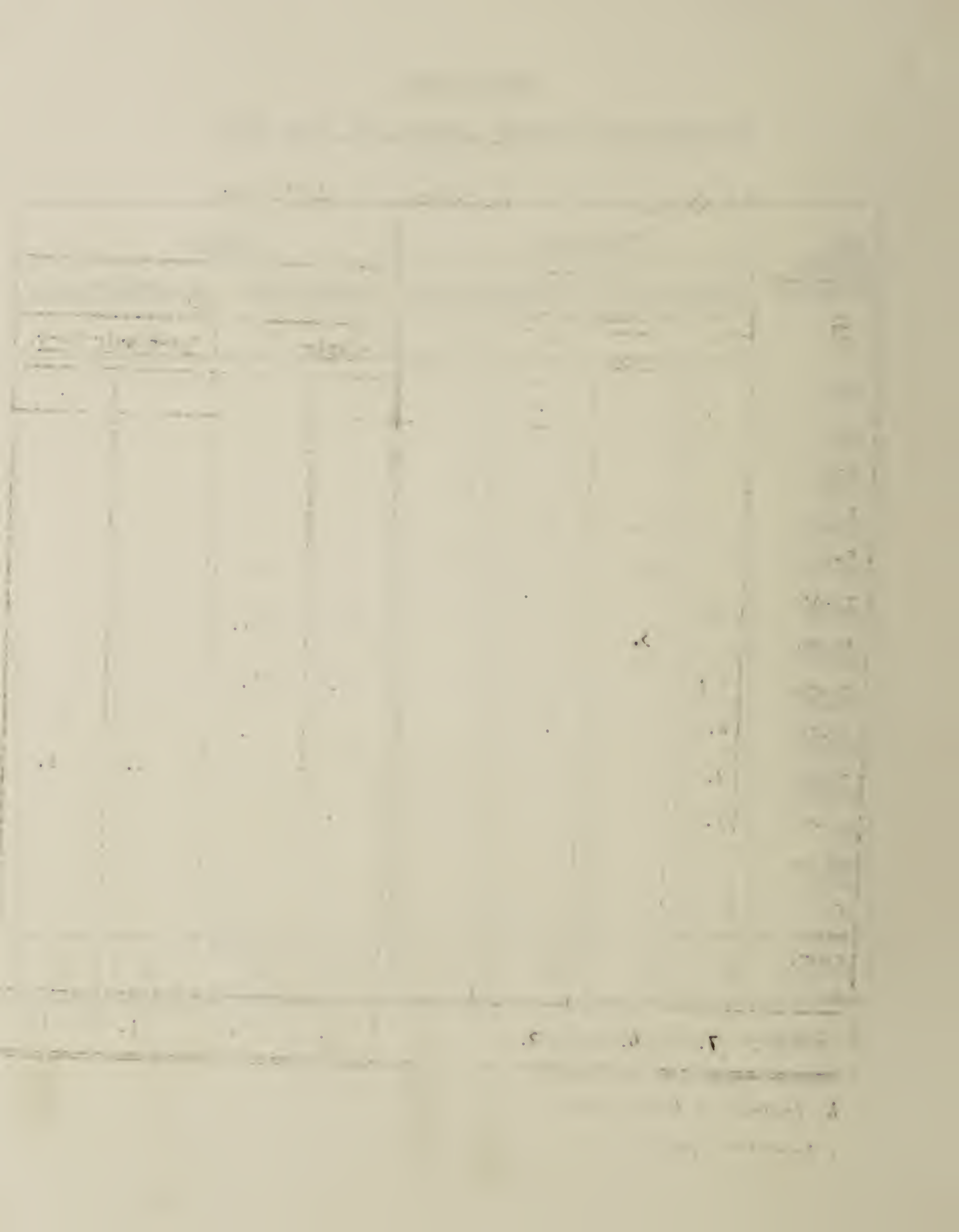
TUBERCULOSIS.

New Cases and Mortality during the year 1939.

<u>Age Periods in years.</u>	<u>New Cases.</u>				<u>Deaths.</u>			
	<u>Respiratory.</u>		<u>Non-respiratory.</u>		<u>Respiratory</u>		<u>Non-respiratory.</u>	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1								
1-5								
5-10				1.				
10-15		1.+	1.					
15-20		3,				1.		
20-25	2.†				1.	1.		
25-35	2.	2.+				1.		
35-45	2.		1.				1.	1.
45-55	1.				1.			
55-65								
65 and over.								
6								
Totals.	7.	6.	2.	1.	2.	3.	1.	1.

† Includes 1 inward transfer.

+ inward transfers.



The total number of names on the Tuberculosis Register on the 31st December, 1939 was 153 , as compared with 150 at the corresponding period for the previous year. 16 cases were notified during the year, which increases the number on the register to 166 . As however 7 deaths occurred and 6 cases were struck off either as cured or as having left the district, the number remaining on the register is. 153.

TABLE A. CAUSES OF DEATH. (Civilians only.)

All ages.				Mortality Rate per 1,000.
CAUSES OF DEATH.	Males.	Females.	Total.	
1. Typhoid and Paratyphoid Fevers	-	-	-	-
2. Measles.	-	-	-	-
3. Scarlet Fever	-	-	-	-
4. Whooping Cough	-	1	1	.067
5. Diphtheria..	-	-	-	-
6. Influenza... ..	2	2	4	.267
7. Encephalitis Lethargica.	-	-	-	-
8. Cerebro spinal fever	1	-	1	.067
9. Tuberculosis of Respiratory System	3	2	5	.334
10. Other Tuberculous Diseases	1.	1	2	.134
11. Syphilis	-	-	-	-
12. General paralysis of the insane, tabes dorsalis.	-	-	-	-
13. Cancer, malignant disease	5.	7	12	.803
14. Diabetes	1.	-	1	.067
15. Cerebral Haemorrhage, etc.,...	4.	4	8	.535
16. Heart Disease	19.	20	39	2.608
17. Aneurysm	-	-	-	-
18. Other circulatory diseases	-	-	-	-
19. Bronchitis..	6.	3	9	.602
20. Pneumonia etc., under 2 years.	2	4	6	.402
21. Other Respiratory diseases	1	-	1	.067
22. Peptic Ulcer	1	-	1	.067
23. Diarrhoea, etc., under 1 years	-	-	-	-
24. Appendicitis	1	-	-	-
25. Cirrhosis of Liver	-	-	-	-
26. Other diseases of the liver, etc.,... ..	-	-	-	-
27. Other digestive diseases	2	3	5	.334
28. Acute & Chronic Nephritis	-	-	-	-
29. Puerperal Sepsis..	-	-	-	-
30. Other Puerperal Causes..	-	1	1	.067
31. Congenital Debility, Premature Birth, Malformation, etc.,... ..	5	6	11	.736
32. Senility	1	7	8	.535
33. Suicides	1	-	1	.067
34. Other Violences... ..	8	-	8	.535
35. Other defined diseases..	5	4	9	.602
36. Causes ill-defined or unknown.	2	-	2	.134
All Causes.	70.	65.	135.	9.030
Special Causes (included in 35 above)...				
Smallpox	-	-	-	-
Poliomyelitis.	-	-	-	-
Polioencephalitis... ..	1	-	1	-
Deaths of Infants under 1 year				
Total... ..	10	8	18	
Legitimate	9	8	17	
Illegitimate..	1	-	1	
Live Births:				
Total... ..	142	148	290	
Legitimate	136	143	279	
Illegitimate..	6	5	11	
Stillbirths:				
Total... ..	7	6	13	
Legitimate	7	6	13	
Illegitimate..	-	-	-	
Population	14,950.			

Date		Description		Amount	
1890	Jan 1	Balance		100.00	
1890	Jan 15	Received from A. B.		25.00	
1890	Feb 1	Received from C. D.		15.00	
1890	Feb 15	Received from E. F.		30.00	
1890	Mar 1	Received from G. H.		20.00	
1890	Mar 15	Received from I. J.		10.00	
1890	Apr 1	Received from K. L.		5.00	
1890	Apr 15	Received from M. N.		12.00	
1890	May 1	Received from O. P.		8.00	
1890	May 15	Received from Q. R.		18.00	
1890	Jun 1	Received from S. T.		22.00	
1890	Jun 15	Received from U. V.		14.00	
1890	Jul 1	Received from W. X.		9.00	
1890	Jul 15	Received from Y. Z.		16.00	
1890	Aug 1	Received from A. B.		11.00	
1890	Aug 15	Received from C. D.		7.00	
1890	Sep 1	Received from E. F.		13.00	
1890	Sep 15	Received from G. H.		6.00	
1890	Oct 1	Received from I. J.		19.00	
1890	Oct 15	Received from K. L.		4.00	
1890	Nov 1	Received from M. N.		17.00	
1890	Nov 15	Received from O. P.		10.00	
1890	Dec 1	Received from Q. R.		21.00	
1890	Dec 15	Received from S. T.		15.00	
1890	Total			400.00	

1891	Jan 1	Balance		100.00	
1891	Jan 15	Received from A. B.		25.00	
1891	Feb 1	Received from C. D.		15.00	
1891	Feb 15	Received from E. F.		30.00	
1891	Mar 1	Received from G. H.		20.00	
1891	Mar 15	Received from I. J.		10.00	
1891	Apr 1	Received from K. L.		5.00	
1891	Apr 15	Received from M. N.		12.00	
1891	May 1	Received from O. P.		8.00	
1891	May 15	Received from Q. R.		18.00	
1891	Jun 1	Received from S. T.		22.00	
1891	Jun 15	Received from U. V.		14.00	
1891	Jul 1	Received from W. X.		9.00	
1891	Jul 15	Received from Y. Z.		16.00	
1891	Aug 1	Received from A. B.		11.00	
1891	Aug 15	Received from C. D.		7.00	
1891	Sep 1	Received from E. F.		13.00	
1891	Sep 15	Received from G. H.		6.00	
1891	Oct 1	Received from I. J.		19.00	
1891	Oct 15	Received from K. L.		4.00	
1891	Nov 1	Received from M. N.		17.00	
1891	Nov 15	Received from O. P.		10.00	
1891	Dec 1	Received from Q. R.		21.00	
1891	Dec 15	Received from S. T.		15.00	
1891	Total			400.00	

TABLE B. --- INFANTILE MORTALITY BY CAUSES.

CAUSE OF DEATH.	Under 1 week.	1 - 2 weeks.	2 - 3 weeks.	3 - 4 weeks.	Total under one month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under one year.	WARD.		
											N.	W.	E.
Congenital Debility, Premature Birth, Malformation, etc.,	3	1			4	1	1			6	5	1	
										1		1	
						1				1		1	
						1	1		1	3		3	
Congenital Heart Disease.													
Pneumonia (all forms.)													
Bronchitis.													
Acute Gastro Enteritis.													
Whooping Cough.									1	1		1	
Convulsions.													
Erysipelas.													
Post Basic Meningitis.													
Atelectasis.	1				1					1	1		
Laryngismus Stridulus.													
Influenza.													
Other Causes.	3			1	4		1			5	3	1	1
Totals.	7	1		1	9	4	3		2	18	9	8	1

TABLE C.

Year.	Population.	Births.			Net Deaths.		
		Uncor- rected.	Net.		Under 1 year.	All ages.	
			Corrected.	Rate.		No.	Rate.
1939.	14,950.	270.	290.	19.398	18.	135.	9.33
1938.	14,840.	276.	295.	30.08	18	138.	9.299
1937.	14,700.	272.	278.	18.9	14.	176.	11.97
1936.	14,480.	248.	267.	18.4	22.	141.	9.7
1935.	14,330.	236.	244.	17.02	21.	146.	10.18

TABLE E. --- NOTIFIABLE DISEASES (Excluding Tuberculosis.)

Disease.	All ages.	0/1.	1/2.	2/3.	3/4.	4/5.	5/10.	10/15.	15/20.	20/35.	35/45.	45/65.	Over 65.	Cases in Hos- pital.	D e a t h s	WARD.		
																N.	W.	E.
Small Pox.																		
Scarlet Fever.	37.		2.	1.	2.	5.	13.	7.	3.	2.	2.			9.		11.	17.	9.
Diphtheria.	4.				1.		3.							2.		1.	1.	2.
Typhoid Fever.																		
Cerebro Spinal Meningitis.	1.	1.												1.	1.			1.
Pneumonia.	11.		1.		1.		2.					5.			6.	4.	6.	1.
Erysipelas.	9.						2.				2.	3.	2.			4.	3.	2.
Ophthalmia Neonatorum.																		
Puerperal Pyrexia.	1.									1.				1.	1.	1.		
Encephalitis Lethargica.																		
Polio-Encephalitis.	1.						1.								1.		1.	

TABLE D.

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates, and Case-rates for certain Infectious Diseases, in the year 1939 - England and Wales, London, Great Towns, Smaller Towns and Mansfield Woodhouse.

(Provisional figures based on Weekly and Quarterly Returns.)

	Mans- field Wood- house.	England and Wales.	County Boros and Great Towns including London.	Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census.	London Admin- istrat- ive County.
Rates per 1,000 population.					
Births:-					
Live.	19.4	15.0	14.8	15.6	14.4
Still.	0.87	0.59	0.59	0.57	0.44
Deaths:-					
All Causes.	9.03	12.1	12.0	11.2	11.9
Typhoid and paratyphoid fevers.	-	-	-	-	-
Smallpox.	-	-	-	-	-
Measles.	-	0.01	0.01	0.01	-
Scarlet Fever.	-	0.01	-	-	-
Whooping Cough.	0.067	0.03	0.03	0.02	0.03
Diphtheria.	-	0.05	0.05	0.04	0.02
Influenza.	0.267	0.21	0.19	0.20	0.18
Violence.	-	-	-	-	-
Notifications:-					
Smallpox.	-	-	-	-	-
Scarlet Fever.	2.47	1.89	1.96	1.78	1.53
Diphtheria.	.267	1.14	1.21	1.16	0.98
Enteric Fever.	-	0.04	0.03	0.04	0.03
Erysipelas.	0.602	0.34	0.40	0.31	0.37
Pneumonia.	0.735	1.02	1.21	0.89	0.99
Rates per 1,000 Live Births.					
Deaths under 1 year of age.	62.07	50	53	40	48
Deaths from Diarrhoea and Enteritis under 2 years of age.	-	4.6	6.3	3.0	8.2
Maternal Mortality:-					
Puerperal Sepsis.	0.00	0.77	Not Available.		
Others.	3.45	2.16			
Total.	3.45	2.93			
Rates per 1,000 Total Births (i.e. Live and Still.)					
Maternal Mortality:-					
Puerperal Sepsis.	0.00	0.74	Not Available.		
Others.	3.3	2.08			
Total.	3.3	2.82			
Notifications:-					
Puerperal Pyrexia.	3.3	14.35	17.26	12.99	14.22
Puerperal Fever.	-				3.31

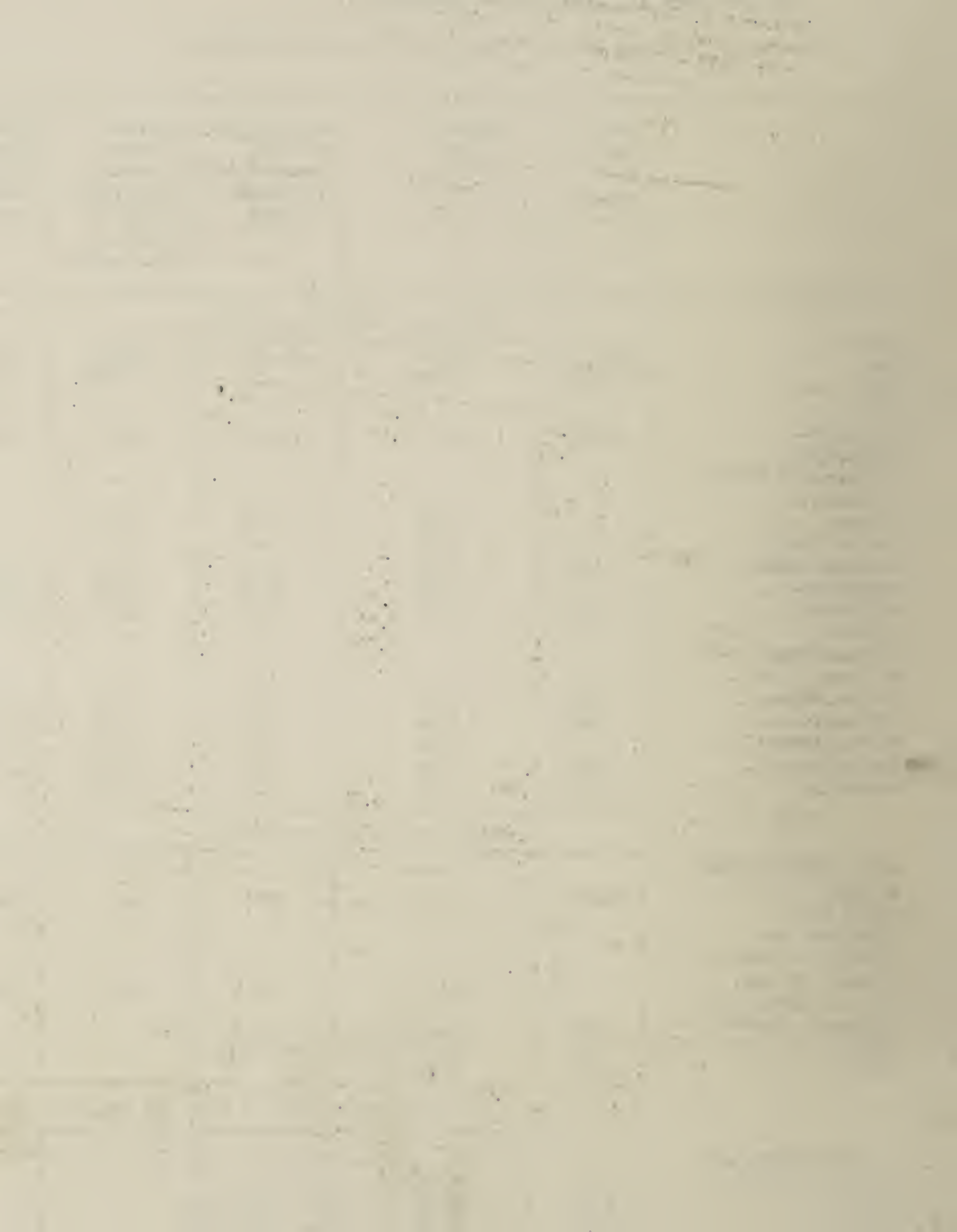


TABLE F.

Disease.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.
Small Pox.									
Scarlet Fever.	37.	74.	41.	29.	22.	37.	41.	26.	16.
Diphtheria.	4.	16.	4.	71.	28.	18.		2.	14.
Enteric Fever.				1.		1.		1.	
Pneumonia.	11.	12.	14.	8.	12.	7.	26.	17.	4.
Cerebro spinal Meningitis.				1.			1.	1.	15.
Puerperal Fever.							1.		
Puerperal Pyrexia.	1.		1.			2.	1.		
Ophthalmia Neonatorum.		2.	3.	3.	1.	2.	3.	2.	1.
Erysipelas.	9.	8.	5.	6.	4.	12.	4.	5.	5.
Tuberculosis:									
Pulmonary.	9.	11.	15.	10.	14.	11.	15.	22.	27.
Non-Pulmonary.	2.	6.	4.	9.	6.	7.	2.	8.	2.
Chicken Pox.									128.
Encephalitis Lethargica.									
Poliomyelitis.									
Polio-Encephalitis.	1.								

